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DAN F. ARNETT  
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January 18, 2006

Len S. Anthony, Esquire  
Progress Energy Services Company  
PO Box 1551/PEB 17A4  
Raleigh, NC 27602

RE: Annual Review of Base Rates for Fuel Costs of Carolina Power and Light  
Company d/b/a Progress Energy Carolinas, Incorporated  
Docket No. 2006-1-E

Dear Mr. Anthony:

Please find enclosed and served on you the Office of Regulatory Staff's First Continuing Data Requests in the above referenced matter. Please let me know if you have any questions.

Sincerely,

Nanette S. Edwards

NSE/pjm

Enclosure

cc: Mr. Charles L.A. Terreni

**BEFORE**  
**THE PUBLIC SERVICE COMMISSION OF**  
**SOUTH CAROLINA**  
**DOCKET NO. 2006-1-E**

IN RE: Carolina Power & Light Company	)	<b>FIRST SET OF CONTINUING</b>
d/b/a Progress Energy Carolinas, Inc.	)	<b>DATA REQUESTS</b>
Annual Review of Base Rates	)	
for Fuel Costs	)	
<hr/>	)	

**TO: LEN S. ANTHONY, ATTORNEY FOR PROGRESS ENERGY CAROLINAS, INC.:**

Pursuant to S.C. Code Ann. Section 58-4-10, 58-4-50, and 58-4-55, as enacted by 2004 S.C. Acts 175, and 26 S.C. Code Regs. 103-853 (Supp. 2003), the Office of Regulatory Staff hereby serves its First Set of Continuing Data Requests upon Progress Energy Carolinas, Inc. (hereafter referred to as "PEC").

The Office of Regulatory Staff hereby requests, pursuant to 26 S.C. Code Regs. 103-853 (Supp. 2003), that you answer the following data requests in writing and under oath within ten (10) days after service at the Office of Regulatory Staff, 1441 Main Street, Suite 300, Columbia, South Carolina, 29201. If you are unable to respond to any of the data requests, or part or parts thereof, please specify the reason for your inability to respond and state what other knowledge or information you have concerning the unanswered portion.

As used in these data requests, "identify" means, when asked to identify a person, to provide the full name, business title, address and telephone number. When asked to identify or provide a document, "identify" or "provide" means to provide a full and detailed description of

the document. In lieu of providing a full and detailed description of a document, you may attach to your responses a copy of the document and identify the person who has custody of it. When the word "document" is used herein, it means any written, printed, typed, graphic, photographic, or electronic matter of any kind or nature and includes, but is not limited to, statements, contracts, agreements, reports, opinions, graphs, books, records, letters, correspondence, notes, notebooks, minutes, diaries, memoranda, transcripts, photographs, pictures, photomicrographs, prints, negatives, motion pictures, sketches, drawings, publications, and tape recordings.

Wherever in this data request a masculine pronoun or possessive adjective appears, it refers to both males and females in accordance with traditional English usage.

**IT IS THEREFORE REQUESTED:**

- I. That all information requested below, unless otherwise specified, shall be limited to PEC's South Carolina Electric Retail Operations for the period under review in this docket.
- II. That all information shall be provided to the South Carolina Office of Regulatory Staff in the format requested.
- III. That all responses to the data requests below be labeled using the same numbers as used herein.
- IV. That the requested information be bound in 3-ring binders with numbered tabs between each question.
- V. That if information requested is found in other places or other exhibits, reference shall not be made to those; instead, reproduce and place in the Data Request in the appropriate numerical sequence.
- VI. That any inquiries or communications relating to questions concerning clarification of the data requested below should be directed to Jay R. Jashinsky or John W. Flitter, of the South Carolina Office of Regulatory Staff.
- VII. That this entire list of questions be reproduced and included in front of each set of responses.
- VIII. That each question be reproduced and placed in front of the response provided.

- IX. That PEC provides six (6) paper copies/binders of responses to the South Carolina Office of Regulatory Staff. In addition and if technically feasible, it is requested that PEC provides an electronic version of the responses.
- X. If the response to any data request is that the information requested is not currently available, please state when the information requested will be available.
- XI. That in addition to the signature and verification at the close of PEC's responses, the PEC witness(es) or employee(s) or agent(s) responsible for the information contained in each response be indicated.
- XII. This Data Request shall be deemed to be continuing so as to require PEC to supplement or amend its responses as any additional information becomes available.
- XIII. For information requested herein where the information is kept, maintained, or stored using spreadsheets, please provide electronic versions of the spreadsheets, including the formulas used and embedded in the spreadsheet.

**REQUESTS:**

- 1-1 Please provide copies of any PEC correspondence, requests for data and responses, oral or written, from any other parties in this Docket.
- 1-2 Please provide a copy of PEC's FERC Form 1 for the latest year available.
- 1-3 Please provide a copy of all exhibits, schedules and work-papers used to develop the 2006 filing.
- 1-4 Please provide a detailed analysis of monthly over/under recovery of fuel costs for the actual and forecasted period under review.
- 1-5 For each actual month during the period under review, please provide a variance analysis of actual MWH sales and fuel costs with forecasted amounts used in the 2005 filing. In this response explain all variances greater than  $\pm 5.0\%$
- 1-6 Please identify and provide the monthly amount of all wheeling costs included in the current filing.
- 1-7 Has PEC used or applied an avoided cost proxy for purposes of this filing? If yes, please provide a comparison of actual and proxy costs.
- 1-8 Please provide monthly and annual (most recent calendar year) actual capacity and availability factors by unit for the period under review.

1-9 For each generating unit, please provide the following for each month for the period under review:

- (a) Maximum Dependable Capacity (MDC) or summer capacity rating (MW);
- (b) gross and net energy output (MWH);
- (c) quantity of fuel consumed by type; and
- (d) cost of fuel by type.

1-10 For each month during the period under review, please provide the following:

- (a) net system generation (MWH);
- (b) system purchases (MWH);
- (c) MWH sales to retail customers; and
- (d) MWH wholesale sales by customer.

In this response, please reconcile any differences to the MWH amounts shown in PEC's filing.

1-11 Does PEC have any real time pricing contracts in which energy charges are based on hourly fuel costs or hourly system lambdas? If the answer is yes, identify such contracts/customers and explain how these sales and fuel costs are treated for purposes of this filing.

1-12 Please provide a narrative description of any changes during the actual and forecasted period to contracts for the purchase of all fossil fuels, including railroad delivery contracts.

1-13 Does PEC purchase fuel, fuel supplements, or transportation from any affiliate or entity in which PEC has financial interest? If the answer is yes, please provide a copy of all contracts (affiliates and non-affiliates) for such fuel or supplements (e.g., synfuel), and monthly volumes and prices for the period under review.


1-14 For the period under review, please provide the following with respect to all scheduled and forced outages lasting longer than 24 hours (please designate scheduled or forced):

- (a) name of unit;
- (b) dates and duration of outage;
- (c) estimated net energy that would have been generated by the unit absent the outage;
- (d) cause of outage;
- (e) source(s) of replacement power;
- (f) estimate or calculation of additional fuel and/or purchased power costs resulting from the outage with all supporting work-papers and documentation;
- (g) copy of all correspondence and reports to and from all regulatory bodies (e.g. NRC); and

- (h) all orders or other correspondence setting forth any action including any fines or penalties by regulatory authorities.
- 1-15 For the period under review, please provide the following with respect to all scheduled outages lasting longer than originally planned:
  - (a) name of unit;
  - (b) scheduled (planned) outage period;
  - (c) actual outage period;
  - (d) reason(s) for extended outage period longer than planned;
  - (e) estimate or calculation of additional fuel and/or purchased power costs resulting from the extended outage with all supporting work-papers and documentation; and
  - (f) copies of all reports and correspondence concerning the extended outage or delayed start up.
- 1-16 Please provide details concerning all re-ratings, both actual and projected for the period under review.
- 1-17 Please provide details of PEC's forecasted scheduled outages for the next twelve months by plant.
- 1-18 For the actual and forecasted period under review, please provide a schedule of power purchases that provides:
  - (a) supplier;
  - (b) total energy purchased (MWH);
  - (c) total energy price;
  - (d) fuel energy price (as available);
  - (e) capacity purchased (MW);
  - (f) capacity price & cost;
  - (g) FERC or state approved transmission charges;
  - (h) ancillary transmission charges;
  - (i) whether such purchase was on-peak or off-peak daily, weekly or monthly block purchase;
  - (j) whether energy purchased was take or pay;
  - (k) whether energy purchased was firm or interruptible; and
  - (l) use of power (e.g. native load; off system sale, etc.).
- 1-19 Please provide detailed accounting (daily, weekly, or monthly) of the specific use for each purchased MWH for retail, off-system sale, wholesale, etc. including the total MWH's and purchase price from each supplier for the actual period under review.
- 1-20 Please provide a list of all (a) long-term contracts and (b) short-term contracts to purchase fossil fuel together with price, quantity, quality and contract period.

- 1-21 Did PEC purchase any power from an affiliated supplier during the review period? If yes, please provide name of supplier, purchase amount and dollars paid, and a description of any other consideration or service given or promised in exchange for this purchased power.
- 1-22 Please explain PEC's treatment of off-system sales fuel costs and margins in determining fuel recovery balances.
- 1-23 Please provide off-system sales (MWH) and related total energy revenue and capacity revenue for each month during the actual period under review.
- 1-24 With regards to SO<sub>2</sub> Emission Allowance credits, please provide a report detailing the number of allowances and the dollar amount for the beginning balance, credits earned or purchased, credits used or sold, and the ending balance for each month of the review period.
- 1-25 If this filing includes costs resulting from recent amendments to Section 58-27-865(A) that are also included in base rates, quantify these amounts and explain PEC's proposal or plan to ensure no double recovery of such amounts.
- 1-26 If this filing includes any capacity related costs, explain and provide all details relating to the assignment or allocation of these capacity costs to South Carolina for purposes of this filing.
- 1-27 Please provide any changes in transportation costs incurred during the review period, plus any projected changes over the next twelve months with narratives describing each actual and projected change.
- 1-28 Please provide a copy of PEC's monthly FERC Form 423 for the most recent 12 months available.
- 1-29 Please provide the latest lifetime capacity factor for each nuclear power generation unit.
- 1-30 Please provide actual monthly generation percentages for the review period for fossil, nuclear, simple-cycle turbines, combined-cycle turbines, and hydroelectric.
- 1-31 Please provide the average fuel cost in cents per KWH, and total generation in MWH by plant for the actual review period.
- 1-32 Please provide the fuel costs in cents per KWH and SC retail energy sales in MWHs by month for the actual review period.
- 1-33 Please provide the estimated fuel costs and SC retail energy sales by month for the succeeding forecasted twelve (12) month period.

- 1-34 Please continue to file with the Office of Regulatory Staff the monthly reports of information related to fuel costs as previously required by Public Service Commission order.
- 1-35 In reference to fossil fuel market data, please provide a list of any external publications, reports, documents or other sources such as conferences, seminars or meetings used by PEC to keep abreast of conditions in the market. Also, please provide a list or description of any internal data, reports, or other source materials used or reviewed by PEC in such endeavors.
- 1-36 Please provide the minimum coal quality requirements by plant, including but not limited to Btu, sulfur, ash and moisture content.
- 1-37 Please provide typical annual tonnage requirements by plant.
- 1-38 Please describe PEC's policies for coal supply inventory control.
- 1-39 Please provide the actual heat rates by unit for all plants for the period under review as well as the projected heat rates.
- 1-40 Please provide the monthly tons and cost by plant for synthetic coal fuel for the most recent 12 month period.
- 1-41 Please provide those portions of the Sarbanes-Oxley report that address fuel and/or fuel related items for PEC's Carolina operations for calendar year 2005.

  
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January 27, 2006